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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/023,092	12/17/2001	Franciscus Herman Maria Bergen	PHNL 000747	2337

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PHILIPS INTELLECTUAL PROPERTY & STANDARDS
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EXAMINER

HSIA, SHERRIE Y

ART UNIT	PAPER NUMBER
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2614

DATE MAILED: 06/22/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/023,092

Applicant(s)

BERGEN ET AL.

Examiner

Sherrie Hsia

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 17 December 2001 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 6.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Specification

1. Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

2. The abstract of the disclosure is objected to because at line 8, "Fig.1" should be deleted.

Correction is required. See MPEP § 608.01(b).

3. The following guidelines illustrate the preferred layout for the specification of a utility application. These guidelines are suggested for the applicant's use.

Arrangement of the Specification

As provided in 37 CFR 1.77(b), the specification of a utility application should include the following sections in order. Each of the lettered items should appear in upper case, without underlining or bold type, as a section heading. If no text follows the section heading, the phrase "Not Applicable" should follow the section heading:

- (a) TITLE OF THE INVENTION.
- (b) CROSS-REFERENCE TO RELATED APPLICATIONS.
- (c) STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT.
- (d) INCORPORATION-BY-REFERENCE OF MATERIAL SUBMITTED ON A COMPACT DISC (See 37 CFR 1.52(e)(5) and MPEP 608.05. Computer program listings (37 CFR 1.96(c)), "Sequence Listings" (37 CFR 1.821(c)), and tables

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having more than 50 pages of text are permitted to be submitted on compact discs.) or

REFERENCE TO A "MICROFICHE APPENDIX" (See MPEP § 608.05(a).

"Microfiche Appendices" were accepted by the Office until March 1, 2001.)

(e) BACKGROUND OF THE INVENTION.

(1) Field of the Invention.

(2) Description of Related Art including information disclosed under 37 CFR 1.97 and 1.98.

(f) BRIEF SUMMARY OF THE INVENTION.

(g) BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING(S).

(h) DETAILED DESCRIPTION OF THE INVENTION.

(i) CLAIM OR CLAIMS (commencing on a separate sheet).

(j) ABSTRACT OF THE DISCLOSURE (commencing on a separate sheet).

(k) SEQUENCE LISTING (See MPEP § 2424 and 37 CFR 1.821-1.825. A "Sequence Listing" is required on paper if the application discloses a nucleotide or amino acid sequence as defined in 37 CFR 1.821(a) and if the required "Sequence Listing" is not submitted as an electronic document on compact disc).

There are no headings.

4. Applicants are advised to amend the specification (page 1 line 14) in the descriptive format, not claim number.

5. The disclosure is objected to because of the following informalities: On page 5 line 1, "CLAIMS" should be --WE CLAIM--. See MPEP 608.01(m).

Appropriate correction is required.

Drawings

6. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the "locking means to horizontal synchronization, vertical synchronization and color carrier phase-locking a camera to a previous

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camera” as claimed in claim 2, “means to insert on the CVBS-line a part of its observed picture” claimed in claim 4 and “means to insert on the CVBS-line a down-scaled version of its observed picture” claimed in claim 5 must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as “amended.” If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. The replacement sheet(s) should be labeled “Replacement Sheet” in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 112

7. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

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Claim 2 is rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention.

“locking means to horizontal synchronization, vertical synchronization and color carrier phase-locking a camera to a previous camera” as claimed in claim 2 is unclear. It cannot be understood how this locking means is functioned. And how the camera is being locked to the previous camera. The specification only simply states “the other cameras are locked to the previous camera to horizontal synchronization, vertical synchronization and color phase locked to the system/master” (page 2 lines 27-29) (which is the same phrase used in the claim). There is no detailed description in the specification about how this locking means is being performed. Therefore, Applicant is requested to provide more description of this locking means in order to be understood how this locking means is being functioned.

Claim Rejections - 35 USC § 102

8. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claim 6 is rejected under 35 U.S.C. 102(b) as being anticipated by Higashitsutsumi (5144445), cited by applicant.

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As to claim 6, Higashitsutsumi discloses the claimed subject matter, the claimed step of recording at least two pictures is met by the plurality of the solid-state image pickup apparatuses 230 (Fig. 16, column 11 lines 45-47), the claimed step of coupling the information of the pictures on a chain is met by Fig. 16 and column 11 lines 48-49 and the claimed step of displaying the multi picture in picture is met by the TV monitor 232 (Fig. 16, column 12 lines 34-37).

9. Claims 1-6 are rejected under 35 U.S.C. 102(b) as being anticipated by JP 5-41816, cited by applicant.

As to claim 1, JP 5-41816 discloses the claimed subject matter, the claimed at least two cameras linked as a chain together with a CVBS-line is met by the cameras (1a-1d) (Figs. 1 and accompanying text and abstract), the claimed system master is met by the camera 1a and the claimed other cameras are locked to a previous camera in the chain is met by the cameras 1b-1d (fig. 1 and accompanying text).

As to claim 2, the claimed feature is disclosed by JP 5-41816 (fig. 1 and accompanying text and abstract).

As to claim 3, the claimed monitor is met by the monitor 20 (fig. 1).

As to claims 4 and 5, the claimed means to insert is disclosed by JP 5-41816 (Figs. 1, 4, 6, 8, 12 and accompanying text).

As to claim 6, JP 5-41816 discloses the claimed subject matter, the claimed step of recording at least two pictures is met by the cameras (1a-1d) (Fig. 1), the claimed step of coupling the information of the pictures on a chain is met by Fig. 1 and abstract and the claimed step of displaying the multi picture in picture is met by the monitor 20 (Fig. 1).

10. Claim 6 is rejected under 35 U.S.C. 102(b) as being anticipated by Van Steenbrugge (5436618).

As to claim 6, Van Steenbrugge discloses the claimed subject matter, the claimed step of recording at least two pictures is met by the AV apparatuses (112, 114) (Fig. 1, column 4 lines 56-58), the claimed step of coupling the information of the pictures on a chain is met by Fig. 1 and column 5 lines 1-2 and the claimed step of displaying the multi picture in picture is met by the display unit 110 (Fig. 1, column 4 lines 54-55).

Claim Rejections - 35 USC § 103

11. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

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Claims 1 and 3-5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Van Steenbrugge (5436618).

As to claim 1, Van Steenbrugge shows at least two AV apparatuses 112, 114 linked as a chain together with a CVBS-line (Figs. 1 and 2, column 4 line 52-column 5 line 2) where the AV apparatus 114 acts as a system master and the Av apparatuses 112 is locked to the AV apparatus 114 in the chain. Van Steenbrugge does not show the cameras. However, the camera acting as sources of AV signals is well known in the art. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Van Steenbrugge by using cameras as the AV apparatuses to process the CVBS, since Van Steenbrugge teaches that the AV apparatuses can be any AV apparatuses capable of acting as sources and/or destinations of AV signals.

As to claim 3, the claimed monitor is met by the display unit 110 (Fig. 1, column 4 lines 54-55).

As to claims 4 and 5, the claimed means to insert is disclosed by Van Steenbrugge (Fig. 2 and column 5 line 55-column 6 line 4, column 10 lines 51-57).

Conclusion

12. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

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Applicant is informed that claim 6 is also anticipated by WO 98/39739 (cited by applicant). The examiner did not apply any additional rejection to so as not to be exhaustive and repetitive.

Andrews (6075554) discloses a progressive still frame mode having first and second terminals.

Tang (6646675) shows an addressable security monitoring system having a plurality of video cameras.

Spiero (5255097) shows a video system having a video signal generating device and receiving devices.

13. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sherrie Hsia whose telephone number is (703) 305-4738.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Miller can be reached on (703) 305-4795.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Or faxed to:

(703) 872-9306

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Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington. VA., Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Customer Service Office whose telephone number is (703) 308-HELP.



Sherrie Hsia
Primary Examiner
Art Unit 2614

SH

June 18, 2004